

ROUTING AND TRANSMITTAL SLIP		Date
		9 MAY 1986
TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. DIRECTOR OF COMMUNICATIONS		
2. D/O S		
3. D/O IT		
4. D/O L		
5.		
Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

~~FOR~~ FOR ACTION AS APPROPRIATE.

*Handwritten notes:* copies made, 9 May 86, Joyce

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
EXO/DDA	7D24 HQS
	Phone No.

5041-102

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

★ GPO : 1981 O - 361-529 (148)

**EXECUTIVE SECRETARIAT****ROUTING SLIP**

TO:

		ACTION	INFO	DATE	INITIAL
1	DCI				
2	DDCI				
3	EXDIR				
4	D/ICS				
5	DDI				
6	DDA	X			
7	DDO				
8	DDS&T				
9	Chm/NIC				
10	GC				
11	IG				
12	Compt				
13	D/OLL				
14	D/PAO				
15	D/PERS				
16	VC/NIC				
17	D/COMMO/DA		X		
18	D/LOG/DA		X		
19					
20					
21					
22					
SUSPENSE		Date			

Remarks

TO #6: Please handle as appropriate.

Executive Secretary

8 May 86

Date

3637 (10-81)

STAT



70-4

**NATIONAL SECURITY AGENCY**  
FORT GEORGE G. MEADE, MARYLAND 20755-6000



Serial: S-0119-86  
02 May 1986

Executive Registry
86-1966X

**MEMORANDUM FOR DISTRIBUTION**

**SUBJECT: Protection of Cellular Telephone Communications -  
INFORMATION MEMORANDUM**

1. Over the last few years, the U.S. Government's use of cellular telephones has increased significantly. This increase has caused much concern because of possible compromise of government sensitive information transmitted over cellular networks. Cellular telephone transmissions can readily be monitored using low-cost, commercial scanners. The monitoring of cellular telephone communications has been documented in many radio hobby magazines and other publications.

2. As an interim measure for protecting cellular telephone communications, NSA has approved the AT&T cellular privacy device, CTS 1620, for the protection of unclassified, but sensitive information. The CTS 1620 provides protection for the vulnerable radio portion of cellular conversations and is currently available from Bell Atlantic Mobile Systems for use in the Washington, DC, area.

3. This privacy device is an interim measure pending development of fully secured equipment as part of the new STU-III family of low-cost, secure telephones. The STU-III cellular device will provide security up to the TOP SECRET level for both voice and data traffic, and will include the many advanced performance features of the STU-III family. Availability of fully secure cellular terminals is expected by early 1988.

4. NSA security approval of the AT&T CTS 1620 does not, of course, guarantee that the service available from Bell Atlantic Mobile Systems will otherwise meet all user needs. In fact, early results from pilot tests have revealed some minor coverage deficiencies--additional cell sites now being installed will increase the quality of coverage in the near future.

5. While U.S. Government Agencies should plan to use the STU-III terminal to meet their long-term needs, we nonetheless encourage agencies to investigate the adequacy of this available

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service for their immediate cellular telephone needs. The ease with which unprotected cellular transmissions can be intercepted and the growing popularity of cellular telephones among government users pose a very real security problem. If the CTS 1620 in combination with the Bell Atlantic Mobile Systems service meet your expectations, the CTS 1620 will provide needed protection for your unclassified, but sensitive, cellular telephone communications until the STU-III cellular telephone equipment is available.

STAT 6. If you wish further information regarding secure cellular telephones, please contact [redacted] commercial (301) 688-8255 or AUTOVON 235-8255.

STAT

[redacted]  
Deputy Director  
for  
Information Security

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